Date: Fri, 24 Dec 93 09:08:02 PST
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>
Errors-To: Info-Hams-Errors@UCSD.Edu
Reply-To: Info-Hams@UCSD.Edu
Precedence: Bulk
Subject: Info-Hams Digest V93 #1505
To: Info-Hams

Info-Hams Digest Fri, 24 Dec 93 Volume 93 : Issue 1505

Today's Topics:

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: Thu, 23 Dec 1993 05:12:05 GMT
From: coplex!coplex!kj4vh@uunet.uu.net
Subject: ?Phonetic alphabet for numbers?
To: info-hams@ucsd.edu

wjc@ll.mit.edu (Bill Chiarchiaro) writes:
> Your question answers one I've had for years. Long ago I came
>across a list of standard pronunciations for numbers. I don't
>remember the source of the list, but it was something like the U.S.
>Army Signal Corp or the ICAO.

> The two digits which stand out in my memory are 3 and 9. The
>recommended pronunciation for 3 was "THU-REE" and for 9 either
>"NIE-YEN" or "NIE-NER".

> I wondered why the regular, English pronunciation for 3 was
>considered inadequate. I guess I now know!

I wish I could find my ICAO pronunciation guide, but I'm pretty sure 3, 4, 5, and 9 are the only numbers that are to be pronounced differently than normal. I'm 95% confident in the following info:

3 "TREE"
4 "FOW-er"
5 "FIFE"
9 "NIN-er"

Of course, a lot of us in "FOW-er" land think "FOW-er" is a perfectly normal pronunciation anyway!

SEV-en TREE!

Tim KJ4VH

--

  Tim Totten, KJ4VH   Home tel +1-502-239-6486
  kj4vh@coplex.com   Home fax +1-502-239-7766
              Kentucky Contest Group

Date: Fri, 24 Dec 1993 16:44:18 GMT
From: swrinde!sgiblab!pacbell.com!att-out!cbnewsl!dkk@network.ucsd.edu
Subject: Good Stores/Mail Order/Emergency Use in Car
To: info-hams@ucsd.edu

Folks,

I'm just getting started, so please excuse these elementary questions.

A bit of background; I have MS, just started using a wheelchair, so people have advised me that I should have emergency communications in my car just in case there is any excitement. I first explored cellular and CB. Cellular is expensive where I live (NJ) - $20/month for dialtone is the least expensive I've found so far. Dialtone basically is what I'm looking for since I want to listen to the

radio or books in the car, not do business. But $20/month just for insurance seemed high. Also people didn't seem to hot on CB, particularly security.

Then I got a few suggestions to check out ham radio. The ham radio crowd seems far more genteel than the CB crowd. And the whole world of amateur radio from what I'm found out so far seems incredibly diverve and exciting. Also my 12 year old seems to be getting the bug, and he's the one who knows how to do all the "some assembly required" projects.

Two quick questions:

1. Are there any good stores in the New Jersey/New York area for ham radio equipment? Also good mail order? The people on the MS group got me hooked up to two incredible stores, one that has the patent on the particular type of hand control that I just put on my car, and one that attends all the trade shows and got me hooked up to this brand new breakthrough type of wheelchair. So I'm looking for "the best" like this on amateur radio equipment too.

2. The major question: would ham radio do what I need for application number 1: summon emergency help if I had a problem with my car? Note I'm not looking for 100% reliability. Mostly I travel on the Garden State Parkway, which is very well patroled, so I'm looking for 80-95% reliability (I'm also still ambulatory enough that I can get a ways, albeit slowly with a pair of crutches). I am willing to tradeoff something not quite as easy as cellular for something with a lot more potential, which it seems like ham radio would offer.

Please let me know your thoughts.

Thanks.

Dave
--

Dave Kallman, AT&T, 480 Red Hill Rd., Middletown, NJ 07748
d_k_kallman@att.com, (908)615-2989, fax: (908)615-2507

Date: 17 Dec 93 15:39:45 GMT
From: ukma!gatech!udel!acs10.baylor.edu!tsm@rutgers.rutgers.edu

Subject: Hello?!
To: info-hams@ucsd.edu

Well.. since this newgroup is empty, I'll put the first post!

Hello.. my name is Tony, and I am a ham! KC5DHJ!

I'm diving into packet, and trying to get my general license.

Thank you Very Much! =-)

Later!

Date: Wed, 22 Dec 1993 20:21:13 GMT
From: library.ucla.edu!europa.eng.gtefsd.com!emory!news-feed-1.peachnet.edu!
concert!corpgate!nrtpa038!brtph560!b4pph13e!cnc23a@network.ucsd.edu
Subject: Looking for info on GE Mastr Executive II UHF units
To: info-hams@ucsd.edu

I have two GE Mastr Exec. II units that I need documentation. The units
do not have control heads, and I have only one duplexer. I am wanting to
turn (hopefully both, guess I need another duplexer) these into 440 repeater(s).

I noticed that the internals of the units are quite different, one appears to
have much better design.

I have ftp capabilities if there is info on an anonymous BBS out there.

--
==========

Ken M. Edwards, PE Bell Northern Research, Research Triangle Park, NC
(919) 481-8476 email: cnc23a@bnr.ca   Ham: N4ZBB

All opinions are my own and do not necessarily reflect the views of
my employer or co-workers, family, friends, congress, or president.

(To the e-mail'r out there -> This is a short as it will gets)

Date: Wed, 22 Dec 1993 20:54:36 GMT
From: csus.edu!netcom.com!n1ist@decwrl.dec.com
Subject: need comments on MFJ antennas and accessories
To: info-hams@ucsd.edu

In article <199312220147.AA18359@yfn.ysu.edu> ah301@yfn.ysu.edu (Jerry Sy) writes:
-Also, is the MFJ J Pocket Rollup antenna any good ($15)?

Sounds pricey. It is a twinlead J-pole; make your own from some 300 ohm twinlead and a length of 50 ohm coax with a BNC on the end. I think MFJ puts a ferrite bead on the coax at the connection to the twinlead.

>how about telescopic antennas for HT (MFJ-1714, $17) ? how does this
>compare to the AEA hot rod ($25) ?

I have never compared the two, but I use the MFJ half-wave telescoping as my base antenna (indoors). I made a bracket from some scrap aluminum and a BNC buklhead adapter and bolted it to the back of a bookcase. Good SWR and even works up to 50 Watts. Just be careful using it on an HT - it is 1 meter long!

-are the MFJ speaker mikes for HTs good ?

The little ones are junk (poor quality audio). The larger size works nicely.

/mike

--
\||/   Michael L. Ardai   N1IST   Teradyne ATG Boston
--- --
/|\   ardai@maven.dnet.teradyne.com   n1ist@netcom.com

Date: 24 Dec 93 14:46:00 GMT
From: news-mail-gateway@ucsd.edu
Subject: ORBS$358.MICRO.AMSAT
To: info-hams@ucsd.edu

SB KEPS @ AMSAT $ORBS-358.D
Orbital Elements 358.MICROS

HR AMSAT ORBITAL ELEMENTS FOR THE MICROSATS
FROM WA5QGD FORT WORTH,TX December 24, 1993
BID: $ORBS-358.D
TO ALL RADIO AMATEURS BT

Satellite: UO-14
Catalog number: 20437
Epoch time: 93353.73078132

```
Element set:     940
Inclination:       98.6029 deg
RA of node:        75.8633 deg
Eccentricity:    0.0011465
Arg of perigee:     2.5266 deg
Mean anomaly:     357.5973 deg
Mean motion:   14.29811303 rev/day
Decay rate:        6.4e-07 rev/day^2
Epoch rev:           20394
Checksum:              302

Satellite: AO-16
Catalog number: 20439
Epoch time:      93353.72330553
Element set:     741
Inclination:       98.6110 deg
RA of node:        76.9082 deg
Eccentricity:    0.0011736
Arg of perigee:     2.7801 deg
Mean anomaly:     357.3445 deg
Mean motion:   14.29867859 rev/day
Decay rate:        6.6e-07 rev/day^2
Epoch rev:           20395
Checksum:              313

Satellite: DO-17
Catalog number: 20440
Epoch time:      93353.76501517
Element set:     722
Inclination:       98.6116 deg
RA of node:        77.2143 deg
Eccentricity:    0.0011897
Arg of perigee:     2.5935 deg
Mean anomaly:     357.5307 deg
Mean motion:   14.30005317 rev/day
Decay rate:        7.7e-07 rev/day^2
Epoch rev:           20397
Checksum:              289

Satellite: WO-18
Catalog number: 20441
Epoch time:      93353.73726563
Element set:     742
Inclination:       98.6108 deg
RA of node:        77.1992 deg
Eccentricity:    0.0012470
Arg of perigee:     1.9872 deg
Mean anomaly:     358.1359 deg
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Mean motion:   14.29982522 rev/day
Decay rate:        4.7e-07 rev/day^2
Epoch rev:           20397
Checksum:              324

Satellite: LO-19
Catalog number: 20442
Epoch time:      93353.72731485
Element set:     740
Inclination:       98.6123 deg
RA of node:        77.4062 deg
Eccentricity:    0.0012815
Arg of perigee:     1.5633 deg
Mean anomaly:     358.5590 deg
Mean motion:   14.30075638 rev/day
Decay rate:        7.5e-07 rev/day^2
Epoch rev:           20398
Checksum:              300

Satellite: UO-22
Catalog number: 21575
Epoch time:      93353.75748489
Element set:     441
Inclination:       98.4535 deg
RA of node:        66.7225 deg
Eccentricity:    0.0008505
Arg of perigee:   101.5487 deg
Mean anomaly:     258.6654 deg
Mean motion:   14.36875041 rev/day
Decay rate:       1.09e-06 rev/day^2
Epoch rev:           12731
Checksum:              323

Satellite: KO-23
Catalog number: 22077
Epoch time:      93353.94580435
Element set:     337
Inclination:       66.0886 deg
RA of node:       295.2665 deg
Eccentricity:    0.0006949
Arg of perigee:   331.1179 deg
Mean anomaly:      28.9453 deg
Mean motion:   12.86282320 rev/day
Decay rate:       -3.7e-07 rev/day^2
Epoch rev:            6373
Checksum:              325

Satellite: AO-27
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Catalog number: 22825
Epoch time:      93353.74382815
Element set:     239
Inclination:       98.6733 deg
RA of node:        66.2045 deg
Eccentricity:    0.0009172
Arg of perigee:    18.4935 deg
Mean anomaly:     341.6577 deg
Mean motion:   14.27596448 rev/day
Decay rate:        4.1e-07 rev/day^2
Epoch rev:            1208
Checksum:              321

Satellite: IO-26
Catalog number: 22826
Epoch time:      93353.94801570
Element set:     240
Inclination:       98.6737 deg
RA of node:        66.4193 deg
Eccentricity:    0.0009857
Arg of perigee:    18.2897 deg
Mean anomaly:     341.8607 deg
Mean motion:   14.27698719 rev/day
Decay rate:        2.1e-07 rev/day^2
Epoch rev:            1211
Checksum:              326

Satellite: KO-25
Catalog number: 22830
Epoch time:      93353.71873553
Element set:     240
Inclination:       98.5706 deg
RA of node:        65.3408 deg
Eccentricity:    0.0011621
Arg of perigee:   348.1932 deg
Mean anomaly:      11.8974 deg
Mean motion:   14.28023309 rev/day
Decay rate:        6.0e-07 rev/day^2
Epoch rev:            1208
Checksum:              282

/EX

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Date: 24 Dec 93 14:51:00 GMT
From: news-mail-gateway@ucsd.edu
Subject: ORBS$358.MISC.AMSAT
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To: info-hams@ucsd.edu

SB KEPS @ AMSAT $ORBS-358.M
Orbital Elements 358.MISC

HR AMSAT ORBITAL ELEMENTS FOR MANNED AND MISCELLANEOUS SATELLITES
FROM WA5QGD FORT WORTH,TX December 24, 1993
BID: $ORBS-358.M
TO ALL RADIO AMATEURS BT

Satellite: MIR
Catalog number: 16609
Epoch time: 93356.89342327
Element set: 62
Inclination: 51.6187 deg
RA of node: 351.4352 deg
Eccentricity: 0.0005780
Arg of perigee: 118.8381 deg
Mean anomaly: 241.3181 deg
Mean motion: 15.59225375 rev/day
Decay rate: 1.2770e-04 rev/day^2
Epoch rev: 44854
Checksum: 308

Satellite: HUBBLE
Catalog number: 20580
Epoch time: 93357.18124168
Element set: 411
Inclination: 28.4713 deg
RA of node: 286.3937 deg
Eccentricity: 0.0005954
Arg of perigee: 49.1134 deg
Mean anomaly: 310.9966 deg
Mean motion: 14.90390440 rev/day
Decay rate: 7.63e-06 rev/day^2
Epoch rev: 310
Checksum: 284

Satellite: GRO
Catalog number: 21225
Epoch time: 93356.46954065
Element set: 38
Inclination: 28.4628 deg
RA of node: 17.8570 deg
Eccentricity: 0.0003464
Arg of perigee: 25.0031 deg
Mean anomaly: 335.0734 deg
Mean motion: 15.39616634 rev/day

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Decay rate:      3.496e-05 rev/day^2
Epoch rev:            2966
Checksum:              296

Satellite: UARS
Catalog number: 21701
Epoch time:      93353.94360770
Element set:     442
Inclination:       56.9809 deg
RA of node:       157.2740 deg
Eccentricity:    0.0005834
Arg of perigee:   103.0283 deg
Mean anomaly:     257.1402 deg
Mean motion:   14.96302505 rev/day
Decay rate:      2.033e-05 rev/day^2
Epoch rev:           12410
Checksum:              260

Satellite: POSAT
Catalog number: 22829
Epoch time:      93353.79061720
Element set:     232
Inclination:       98.6671 deg
RA of node:        66.2636 deg
Eccentricity:    0.0010487
Arg of perigee:     5.2318 deg
Mean anomaly:     354.8962 deg
Mean motion:   14.27991712 rev/day
Decay rate:        9.5e-07 rev/day^2
Epoch rev:            1209
Checksum:              306

/EX

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Date: 24 Dec 93 14:44:00 GMT
From: news-mail-gateway@ucsd.edu
Subject: ORBS$358.OSCAR.AMSAT
To: info-hams@ucsd.edu

SB KEPS @ AMSAT  $ORBS-358.O
Orbital Elements  358.OSCAR

HR AMSAT ORBITAL ELEMENTS FOR OSCAR SATELLITES
FROM WA5QGD FORT WORTH,TX December 24, 1993
BID: $ORBS-358.O
TO ALL RADIO AMATEURS BT
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Satellite: AO-10
Catalog number: 14129
Epoch time:      93329.34450477
Element set:     213
Inclination:       27.1217 deg
RA of node:        354.5434 deg
Eccentricity:    0.6014493
Arg of perigee:    132.9243 deg
Mean anomaly:      298.0909 deg
Mean motion:    2.06477387 rev/day
Decay rate:         9.0e-08 rev/day^2
Epoch rev:             7858
Checksum:               313

Satellite: UO-11
Catalog number: 14781
Epoch time:      93352.06493232
Element set:     619
Inclination:       97.7951 deg
RA of node:        10.1968 deg
Eccentricity:    0.0012338
Arg of perigee:    124.9246 deg
Mean anomaly:      235.3121 deg
Mean motion:   14.69103843 rev/day
Decay rate:        2.49e-06 rev/day^2
Epoch rev:            52371
Checksum:               297

Satellite: RS-10/11
Catalog number: 18129
Epoch time:      93353.78531718
Element set:     839
Inclination:       82.9275 deg
RA of node:        101.4555 deg
Eccentricity:    0.0012165
Arg of perigee:    156.0268 deg
Mean anomaly:      204.1456 deg
Mean motion:   13.72328016 rev/day
Decay rate:         3.9e-07 rev/day^2
Epoch rev:            32530
Checksum:               295

Satellite: AO-13
Catalog number: 19216
Epoch time:      93356.82690458
Element set:     850
Inclination:       57.9666 deg
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RA of node:       277.5430 deg
Eccentricity:    0.7210696
Arg of perigee:   330.9913 deg
Mean anomaly:       3.3970 deg
Mean motion:    2.09727363 rev/day
Decay rate:      -7.63e-06 rev/day^2
Epoch rev:            4231
Checksum:              328

Satellite: FO-20
Catalog number: 20480
Epoch time:      93355.44982285
Element set:     638
Inclination:       99.0168 deg
RA of node:       176.0166 deg
Eccentricity:    0.0541260
Arg of perigee:    22.2699 deg
Mean anomaly:     340.0980 deg
Mean motion:   12.83222967 rev/day
Decay rate:       -1.7e-07 rev/day^2
Epoch rev:           18133
Checksum:              310

Satellite: AO-21
Catalog number: 21087
Epoch time:      93357.16575150
Element set:     399
Inclination:       82.9459 deg
RA of node:       272.9683 deg
Eccentricity:    0.0033939
Arg of perigee:   213.7252 deg
Mean anomaly:     146.1744 deg
Mean motion:   13.74530786 rev/day
Decay rate:        9.4e-07 rev/day^2
Epoch rev:           14540
Checksum:              331

Satellite: RS-12/13
Catalog number: 21089
Epoch time:      93353.88399174
Element set:     641
Inclination:       82.9202 deg
RA of node:       144.4175 deg
Eccentricity:    0.0028238
Arg of perigee:   247.3749 deg
Mean anomaly:     112.4421 deg
Mean motion:   13.74031650 rev/day
Decay rate:        2.1e-07 rev/day^2
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Epoch rev:           14402
Checksum:              288

Satellite: ARSENE
Catalog number: 22654
Epoch time:      93321.93138545
Element set:     210
Inclination:        1.4185 deg
RA of node:       113.8817 deg
Eccentricity:    0.2935300
Arg of perigee:   161.0091 deg
Mean anomaly:     211.2000 deg
Mean motion:    1.42195961 rev/day
Decay rate:       -5.1e-07 rev/day^2
Epoch rev:             275
Checksum:              241

/EX
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Date: Wed, 22 Dec 1993 23:20:33 GMT
From: cantaloupe.srv.cs.cmu.edu!news@cs.rochester.edu
Subject: Repeater database?
To: info-hams@ucsd.edu

Is a database of (US) repeaters available (for free or licensable)?
Something like what's used to generate the ARRL repeater directory
is what I'm interested in - presumably it's in some electronic form
already. Any leads greatly appreciated.

  Mike Blackwell -- ke3ig -- mkb@cs.cmu.edu

Date: Thu, 23 DEC 93 00:32:05 EST
From: noc.near.net!news.delphi.com!usenet@uunet.uu.net
Subject: This Week in Amateur Radio returns on Omega Network
To: info-hams@ucsd.edu

FOR IMMEDIATE RELEASE

Community Video Associates, Inc., has announced that the weekly amateur radio
newsmagazine/audio bulletin service "This Week in Amateur Radio" will return
to the air on Saturday, January 1st, 1994, at 7:30 PM (EST). Negotiations
with the new Omega Radio Network were completed December 22nd. Omega will
carry "This Week in Amateur Radio" as part of their regular programing on the
Galaxy III commercial communications satellite, transponder 17 (9H), 5.8 MHz

wideband audio (4.040 GHz). Galaxy III is a Hughes HS 376 satellite located in geosynchronous orbit at 93.5 degrees west longitude. "This Week in Amateur Radio" is retransmitted "live" or by tape delay on HF amateur radio nets and VHF/UHF repeaters throughout North America. Community Video Associates, Inc., a non-profit, charitable, tax-exempt, foundation based in Albany, New York, produces the program. The service was curtailed November 27th due to loss of satellite facilities. CVA began producing the program last March.

CVA President George Bowen, N2LQS, announced that, after airing 39 weekly programs, the program will pick up right where it left off, with edition #40. "This Week in Amateur Radio" is hosted by Stephan Anderman, WA3RKB, who is also "TWIAR" Executive Producer. Some of the features carried each week are "The RAIN Dial-up", "DX Window" with John Yodis, K2VV, "The Gateway 160 Meter Net Report" with Vern Jackson, WA0RCR, "YL Spotlight" with Carli Drake, WB1BTJ, "EZSATS" with Dave Mullenix, N9LTD, and "Amateur Radio Newsline". Adrian Sebborn, N1JWO, presents summaries of DXpeditions, DX activities, and special event stations. N2LQS provides the weekly propagation forecast and serves as the program's Technical Director. "This Week in Amateur Radio" also carries the latest ARRL, RAC, and AMSAT news bulletins with special emphasis on operating news, technological advancement, and national and international regulatory activites.

"TWIAR" is amateur radio's most comprehensive and up-to-date bulletin service; the only satellite-delivered bulletin service suitable for retransmission on amateur frequencies and serving as the activity's weekly "Evening News" or "60 Minutes". As in the past, satellite facilities on the Omega Radio Network will continue to be donated, at no cost, as a service to the amateur radio community. Expenses incurred by CVA in the production of the show continue to be offset by donations from individual amateurs, clubs, and repeater groups.

Weekly program summaries will continue to be circulated on amateur packet bulletin boards, FidoNet, GEnie, USenet, and Internet. If you have further questions, please contact Adrian Sebborn, N1JWO, George Bowen, N2LQS, or Stephan Anderman, WA3RKB via packet @ WA2UMX.#ENY.NY.USA, George Bowen via FidoNet node 1:267/103 or on the "ham" echo, or the "This Week in Amateur Radio" area in the Radio and Electronics Hobby area on GEnie (category 8, topic 11). By landline, contact WA3RKB at 518/877-7374, N2LQS at 518/283-3665, or Adrian Sebborn, N1JWO, at 413/458-8219.

Date: Wed, 22 Dec 1993 16:53:39
From: library.ucla.edu!europa.eng.gtefsd.com!howland.reston.ans.net!vixen.cso.uiuc.edu!usenet.ucs.indiana.edu!indyvax.iupui.edu!hyrax.iupui.edu!imer400@network.ucsd.edu
Subject: UK Radio Amateurs Callbook 1994
To: info-hams@ucsd.edu

For those with access to mosiac the following may be useful:

>For the last few weeks or so a copy of the UK Radio Amateurs Callbook 1994
>has been passed around the UK amateur community. What I have done is to put
>the Callbook up on our HTTP server.
>
>   http://www.mcc.ac.uk/htbin/callbook
>
>This database holds just over 49000 UK amateurs.

>John
>--
>   John Heaton   -   NRS Central Administrator
>   MCC Network Unit, The University, Oxford Road, Manchester, M13-9PL

Martha Rapp, N9PVD
imer400@hyrax.iupui.edu

Date: 23 Dec 1993 01:01:02 -0500
From: usenet.coe.montana.edu!grapevine.lcs.mit.edu!chaos.dac.neu.edu!
lynx.dac.neu.edu!not-for-mail@decwrl.dec.com
Subject: WANTED: mods for ICOM IC-449H
To: info-hams@ucsd.edu

A friend of mine has an Icom IC-449H mobile 440Mhz rig, and is looking
for a mod to expand transmit down to 430 Mhz. (It only wants to work
between 440 - 450 Mhz).

If anyone knows how to do this, or has any other mod info for this
rig, please e-mail me.

Thanks much!

73,
Scott

--

| Scott Ehrlich   Internet: wy1z@neu.edu |
| Amateur Radio: wy1z   AX.25: wy1z@wg1i.ma.usa.na |

Date: 13 Dec 93 23:50:40 GMT
From: dog.ee.lbl.gov!agate!usenet.ins.cwru.edu!magnus.acs.ohio-state.edu!
math.ohio-state.edu!sdd.hp.com!col.hp.com!csn!server!georgen@ucbvax.berkeley.edu
To: info-hams@ucsd.edu

References <9312092235.AA16680@cmr.ncsl.nist.gov>,
<Dec11.162941.80293@yuma.ACNS.ColoState.EDU>, <CHxMHr.I3E@seastar.org>du
Subject : Re: 6-m Transverters

In article <CHxMHr.I3E@seastar.org> jjw@seastar.org (John Welch) writes:
>As quoted from <Dec11.162941.80293@yuma.ACNS.ColoState.EDU> by
galen@picea.CFNR.ColoState.EDU (Galen Watts):
>
>> In article <9312092235.AA16680@cmr.ncsl.nist.gov> rc@cmr.ncsl.NIst.GOV (Robert
Carpenter) writes:
>> >You'll want 100 watts or so output on 6 SSB/CW, so an amplifier will be
>> >needed with any 10 W xverter or rig. A 50-W rig is the minimum you'd want.
>> >73   Bob   w3otc@amsat.org
>>
>> Sure, 100 watts if you want to be on every TV in the neighborhood ;-).

   Well, a bit over stated......

>> Galen, KF0YJ, DN70
>
> Several years ago, we had a Swan 250 250 watt 6m rig. One day
>when 6 was open, we were chasing around the band and worked every
>station that a guy in Oregon was working, with about the same signal
>reports. We worked him, too, and he sounded quite acceptable.
> He was using 250mW on a home-brewed portable into a dipole.
>John Welch, N9JZW

While I can't deny that 10watts or less and a marginal antenna will
work on 6m, especially for sporadic E layer propagation, this approach
will severely limit the number of your tropospheric and ground wave contacts.
Additionally, other modes of communication such as ionospheric scatter,
meteor scatter and aurora typically take a significant amount of
ERP to even get a readable return signal.

My recommendation agrees with a previous recommendation posted....
100 watts and 5 element is a recommended minimum to be able
to "enjoy" 6m operation, especially as we move into the "sun spot
minimum". With this setup, you can handle the typical 6m QSB
and maintain a reasonable QSO and have just enough ERP to be
able to enjoy some occasional scatter and/or aurora
communications modes.

What do I run? you might ask --- 6 elem boomer at 50', 800 watts, IC551D.

Results: So far - 50+ countries, WAS and around 300 Grids....
Ok 10 watters, start catching up..... Oh yah, my neighbors' tvs are
just fine... its partially in the design of the amp...

Think of 6m as like being a 10m band that only opens up 10% of the time
10m opens.....Given this fact, wouldn't you like to work a few more
QSOs while the band is even open?

73 de George, W1XE (DM79gw)

End of Info-Hams Digest V93 #1505
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